

**Table S2.** Results for the transgenesis rate of the *cxcr4b:cxcr4b-Kate2-IRES-GFP-CaaX; cryaa:dsRed* transgene.

number of transgenic embryos	number of non-transgenic embryos	total number of embryos	number of screened injected fish	germline mosaicism in %
0	153	153	2	0
0	200	200	1	0
1	18	19	1	5.3
1	29	30	1	3.3
1	39	40	1	2.5
2	6	8	1	25.0
8	17	25	1	32.0
11	29	40	1	27.5
21	142	163	1	12.9
25	17	42	1	59.5
41	388	429	1	9.6